

**ELECTROMECHANICAL VALVE CONTROL ACTUATOR FOR INTERNAL COMBUSTION
ENGINES AND INTERNAL COMBUSTION ENGINE EQUIPPED WITH SUCH AN
ACTUATOR**

Abstract

The present invention pertains to an electromechanical valve control actuator for internal combustion engines, comprising an electromagnet (700) with a magnet (702) and a mobile magnetic plate (710) moving into the vicinity of the electromagnet, the magnet (702) being located on a surface of the electromagnet opposite the plate (710). According to the present invention, the actuator is characterized in that the electromagnet (700) comprises an E-shaped magnetic circuit, and the magnet (702) is located at the end of a branch of this E-shaped circuit.